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WHAT IS CLAIMED IS:

1. A wet-laid non-woven sheet comprising
5 essentially binder-free aramid floc, wherein the aramid
floc includes at least 25 percent by weight of para-
aramid floc based on the total weight of aramid floc
only.
- 10 2. The wet-laid non-woven sheet of claim 1,
wherein the aramid floc includes at least 50 percent by
weight of para-aramid floc based on the total weight of
aramid floc only.
- 15 3. The wet-laid non-woven sheet of claim 1,
wherein the aramid floc includes at least 75 percent by
weight of para-aramid floc based on the total weight of
aramid floc only.
- 20 4. The wet-laid non-woven sheet of claim 1,
wherein the aramid floc includes 100 percent by weight
of para-aramid floc based on the total weight of aramid
floc only.
- 25 5. The wet-laid non-woven sheet of claim 1,
wherein the aramid floc has an average length of from 3
to 13 millimeters
6. The wet-laid non-woven sheet of claim 1,
30 wherein the floc has been hydroentangled.
7. The wet-laid non-woven sheet of claim 1,
which has been hot calendered.
- 35 8. The wet-laid non-woven sheet of claim 6,
which has been hot calendered.

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9. The wet-laid non-woven sheet of claim 1, wherein the aramid floc comprises para-aramid floc and meta-aramid floc.

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10. A prepreg that includes the wet-laid non-woven sheet of claim 1.

11. A prepreg that includes the wet-laid non-woven sheet of claim 7.

12. A prepreg that includes the wet-laid non-woven sheet of claim 8.

13. A laminate made from the prepreg of claim 10.

14. A laminate made from the prepreg of claim 11.

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15. A laminate made from the prepreg of claim 12.

16. A printed wiring board that includes the laminate of claim 13.

17. A printed wiring board that includes the laminate of claim 14.

18. A printed wiring board that includes the laminate of claim 15.

19. A process for making a sheet of essentially binder-free aramid floc, wherein the aramid floc includes at least 25 percent by weight of para-aramid floc based on the total weight of aramid floc only, comprising the steps of:

a) preparing an aqueous dispersion of 0.005 to 0.08 weight percent of essentially binder-free aramid

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floc that includes at least 25 percent by weight of para-aramid floc;

5 b) pouring the dispersion onto a moving screen in a paper making machine;

c) withdrawing water from the aqueous dispersion to leave a wet paper felt; and

d) drying the wet paper felt on the supporting screen to make a sheet of essentially binder-free
10 aramid floc.

20. The process of Claim 19 wherein the aramid floc has an average length of from 3 to 13 millimeters.

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21. The process of Claim 19 further comprising the step of hydroentangling the non-woven sheet before or after the non-woven sheet is dried.

20 22. The process of Claim 19 further comprising the step of hot calendering the dried sheet of essentially binder-free aramid floc.

23. The process of Claim 21 further
25 comprising the step of hot calendering the dried sheet of essentially binder-free aramid floc.

24. The process of Claim 19, wherein the aramid floc comprises para-aramid floc and meta-aramid
30 floc.

25. The process of Claim 19 further comprising the step of impregnating the sheet of essentially binder-free aramid floc with a resin to
35 form a prepreg.